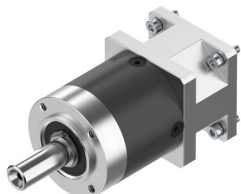


# Gear unit

## EMGA-40-P-G5-SST-42

Part number: 549429

FESTO



## Data sheet

| Feature                         | Value                   |
|---------------------------------|-------------------------|
| Gearbox flange size             | 40 mm                   |
| Motor flange size               | 42 mm                   |
| Torsional backlash              | 0.25 deg                |
| Gearbox type                    | Planetary gear set      |
| Gear ratio                      | 5:1                     |
| Max. actuator speed             | 18000 rpm               |
| Gearbox operating temperature   | -25 °C...90 °C          |
| LABS (PWIS) conformity          | VDMA24364-B2-L          |
| Degree of protection            | IP54                    |
| Continuous output torque        | 14 Nm                   |
| Mass moment of inertia, gearbox | 0.019 kgcm <sup>2</sup> |
| Max. output torque              | 22 Nm                   |
| Max. efficiency                 | 98 %                    |
| Torsional rigidity              | 1 Nm/arcmin             |
| Product weight                  | 350 g                   |
| Gearbox interface, output shaft | 40G                     |
| Gearbox interface, actuator     | 42A                     |
| Note on materials               | RoHS compliant          |